GRAINBENCH ORIGINAL | CONFIDENT BEGINNER

The Weekend Record Cabinet

A plywood cabinet sized for 12 in records: two bays, each split by a fixed shelf, give four record cubbies with room to flip through.



SIZE	SKILL	TIME	JOINERY
30 in wide, 14-3/4 in deep, 30 in tall	Confident beginner	About a day, plus finish drying	Pocket screws, glue and brads

IN THIS PLAN

Materials and tools >

Cut list >

Build steps >

01 / MATERIALS AND TOOLS

What to buy.

LUMBER AND SHEET GOODS

BUY	USED FOR
1 x 3/4 plywood, 4 ft x 8 ft sheet	H bottom, M shelves, S sides, T top, V divider
1 x 1/4 plywood, 4 ft x 4 ft panel	R back

Everything solid comes from one 4 x 8 sheet of 3/4 in plywood; ask the store to rip it into 14-1/2 in strips if you do not have a way to cut long straight lines. Choose a sheet with a smooth face.

HARDWARE AND SUPPLIES

ITEM	AMOUNT
1-1/4 in coarse-thread pocket-hole screws	30, plus a few spares
3/4 in brads	About 40, for the back
Edge banding (optional)	About 20 ft of iron-on veneer tape for the front edges
Wood glue	Small bottle of interior wood glue
Sandpaper	120 and 180 grit
Finish	About 1 L (1 quart) of paint, stain or clear water-based polyurethane
Anti-tip strap	1, with screws suited to your wall

TOOLS

- Circular saw with a straight-edge guide, or have the store cut the plywood
- Pocket-hole jig set for 3/4 in stock, with its stepped bit and a #2 square driver bit
- Drill/driver
- Tape measure, pencil and a combination or speed square
- 2 clamps that open to at least 30 in
- Hammer and nail set, or a brad nailer
- Household iron (for edge banding)
- Sander or sanding block
- Safety glasses and hearing protection

02 / CUT LIST

Cut the parts.

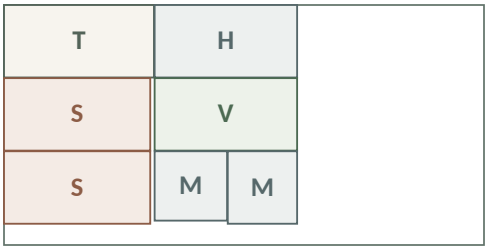
Rip the sheet into 14-1/2 in strips, then crosscut the parts. Mark the best face of each piece and the front edges.

ID	PART	QTY	LENGTH	WIDTH	THICK	FROM
S	Sides	2	29-1/4 in	14-1/2 in	3/4 in	3/4 plywood
T	Top	1	30 in	14-1/2 in	3/4 in	3/4 plywood
H	Bottom	1	28-1/2 in	14-1/2 in	3/4 in	3/4 plywood
V	Divider	1	28-1/2 in	14-1/2 in	3/4 in	3/4 plywood
M	Shelves	2	13-7/8 in	14-1/2 in	3/4 in	3/4 plywood
R	Back	1	30 in	29-1/4 in	1/4 in	1/4 plywood

CUTTING DIAGRAMS

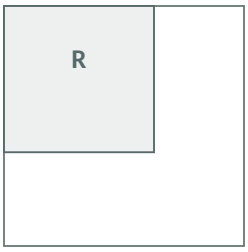
3/4 plywood, 4 ft x 8 ft

Long edge runs left to right. Allow 1/8 in between parts for the saw.



1/4 plywood, 4 ft x 4 ft

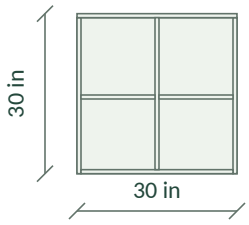
Long edge runs left to right. Allow 1/8 in between parts for the saw.



02 / CUT LIST, CONTINUED

FINISHED SIZE

FRONT



SIDE



The divider stands centred, 14-5/8 in from the left. A shelf in each bay has its underside 14 in above the floor, leaving 13-1/4 in below and 14-1/2 in above: room for records up to 12-3/8 in tall.

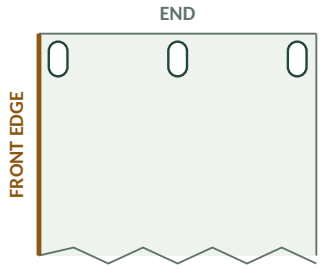
03 / BUILD

Put it together.

STEP 1 Drill the pocket holes

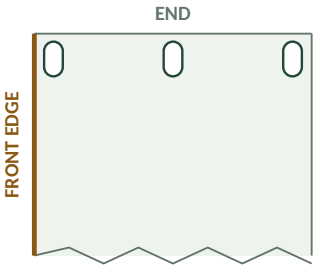
Drill 3 pocket holes at each end of **H** and both **M** on the underside, at both ends of **V** on its right face, and at the top end of each **S** on its inside face. If you are edge-banding, iron the tape onto the front edges now.

H **Bottom**
Underside



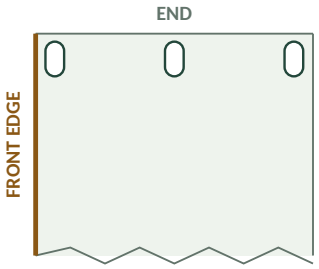
Same at the other end
3 at each end | 6 total
1, 7-1/4, 13-1/2 in from front edge

S **Sides**
Inside face, top end



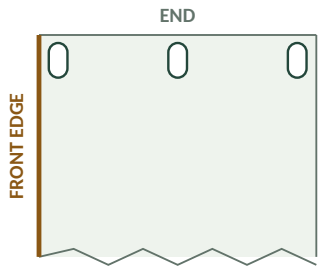
3 per side | 6 total
1, 7-1/4, 13-1/2 in from front edge

V **Divider**
Right face, both ends



Same at the other end
3 at each end | 6 total
1, 7-1/4, 13-1/2 in from front edge

M **Shelves**
Underside



Same at the other end
3 at each end | 12 total
1, 7-1/4, 13-1/2 in from front edge

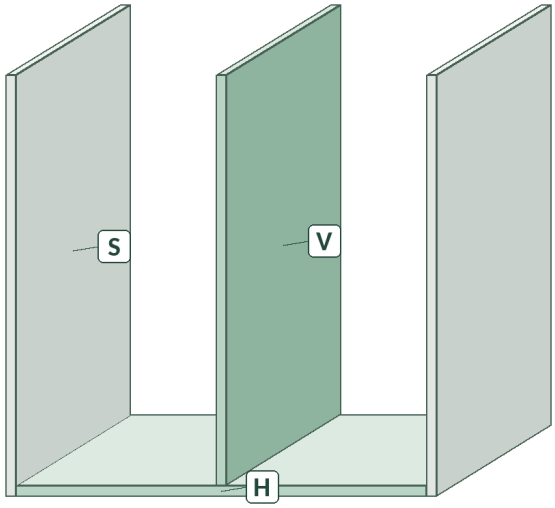
Ovals = pocket-hole entries, enlarged. Not a drilling template.

03 / BUILD, CONTINUED

STEP 2

Fit the bottom and divider

Glue and clamp **H** between the sides, flush at the bottom and front, and drive 6 screws. Mark **H** 14-5/8 in from the left of the case, stand **V** with its left face on the mark, and drive its 3 bottom screws.

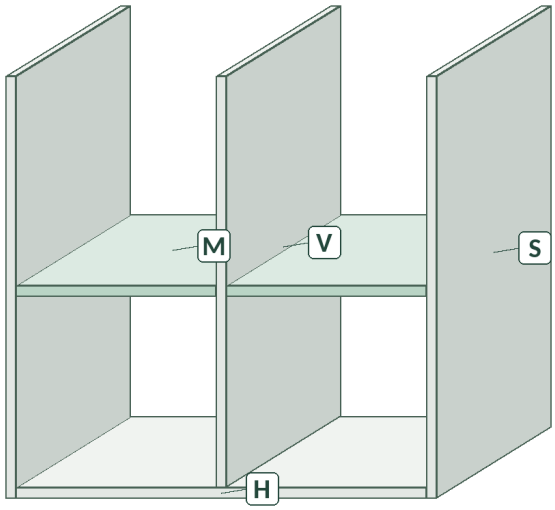


GREEN: added in this step | GREY: already in place

STEP 3

Fit the shelves

Mark the sides and divider 14 in up from the floor. Set each **M** on its marks, pocket holes down, glue and drive 3 screws at each end.



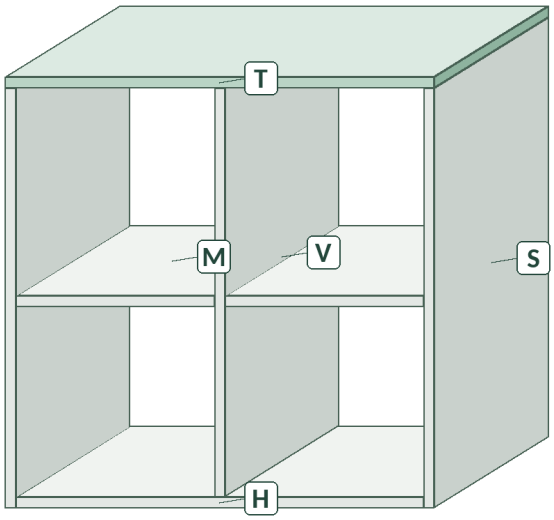
GREEN: added in this step | GREY: already in place

03 / BUILD, CONTINUED

STEP 4

Attach the top

Set **T** on the case flush at the ends and front, then drive the 6 screws from the sides and 3 from the divider up into it.

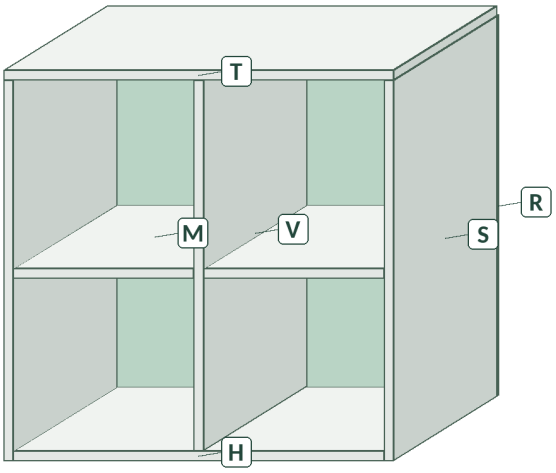


GREEN: added in this step | GREY: already in place

STEP 5

Back, finish and anchor

Square the case, cut **R** to fit below the top, and glue and nail it on about every 4 in. Sand, finish, and fasten the anti-tip strap into a wall stud.



GREEN: added in this step | GREY: already in place

CARE

Records are heavy, so keep the anti-tip strap fitted and load the lower cubbies first. Store records upright and snug, not leaning.

Browse more free plans > **Plan your own cut list >** **How to read a plan >**

Dimensions, part counts and cutting layouts were checked digitally. The plan has not been load-tested.